GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1961
ANSWERED ON:28.07.2016
Effect of drought on Power Generation
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Will the Minister of POWER be pleased to state:

(a) whether power generation is affected due to non-availability of water in drought affected regions of the country;

(b) if so, the details thereof;

(c) whether the Government has made any alternative arrangements for the adequate supply of water to power plants in those regions; and

(d) if so, the details thereof and the results achieved thereon?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : The power generation during 2015-16 has been affected due to non-availability of water in drought affected regions of the country. In case of generation from Thermal Power Station, Maharashtra State Power Generation Company Limited (MAHAGENCO) has informed that all units of Parli Thermal Power Station in district Beed of Maharashtra are under outage due to non-availability of raw water due to drought. Details of other thermal power generating units which have been temporarily under shut down due to non-availability of water are given in Annex.

The production of Hydro Electric Power Generation in the country for the year 2015-16 was lower at 121.34 BU as against the target of 128 BU. The region wise details of hydel power generation are as follows:
(As on 31.03.2016)

Region	Installed Capacity (MW)	Generation (BU)		% of Gen. vis-a-vis Target
		Targeted	Actual	
Northern	18302.27	64.50	73.11	13.34
Western	7392.00	16.01	12.85	-19.78
Southern	11592.45	31.82	20.98	-34.06
Eastern	4254.70	11.64	10.24	-12.03
North Eastern	1242.00	4.03	4.21	4.33
Total	42783.42	128.00	121.38	-5.17

(c) & (d): Any shortage in hydro generation is generally compensated by increasing generation from other sources. In order to overcome the shortage of water due to drought, feasibility of re-using Sewage Treatment Plant (STP) water is being considered. The new Tariff Policy, 2016 mandates use of treated sewage water of STP of Municipality / local bodies that are located within 50 km radius.

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